

<b>Module title</b>		<b>Abbreviation</b>
Organic Chemistry for engineering students		o8-IOC-122-m01
<b>Module coordinator</b>		<b>Module offered by</b>
lab course supervisor "Organisch-chemisches Praktikum für Studierende der Ingenieurwissenschaften"		Institute of Organic Chemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
12	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	By way of exception, additional prerequisites are listed in the section on assessments.
<b>Contents</b>		
This module provides students with an overview of the theoretical principles of organic chemistry. In addition, it introduces the fundamental techniques of organic chemistry in a lab course.		
<b>Intended learning outcomes</b>		
Students have become familiar with the fundamental principles of organic chemistry. They are able to identify fundamental problems in chemistry and perform experiments to solve them.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
This module comprises 3 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> <li>• o8-IOC-2-122: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• o8-IOC-3-122: P (no information on SWS (weekly contact hours) and course language available)</li> <li>• o8-OC1-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.		
<b>Assessment in module component o8-IOC-2-122:</b> Organic Chemistry 2 for engineering students Organic Chemistry 2 for engineering students <ul style="list-style-type: none"> <li>• 5 ECTS, Method of grading: numerical grade</li> <li>• a) 1 to 3 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: approx. 60 or 90 minutes each; 3 written examinations: approx. 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes)</li> <li>• Language of assessment: German or English</li> <li>• Only after successful completion of module components: Successful completion of module component o8-OC1-1 is a prerequisite for participation in module component o8-IOC-2.</li> <li>• Other prerequisites: Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).</li> </ul>		
<b>Assessment in module component o8-IOC-3-122:</b> Organic Chemistry for engineering students (practical course) <ul style="list-style-type: none"> <li>• 2 ECTS, Method of grading: (not) successfully completed</li> <li>• Vortestate (pre-experiment exams, approx. 15 minutes), assessment of practical performance (log approx. 5 to 10 pages), Nachtestate (post-experiment exams, approx. 15 minutes)</li> <li>• Assessment offered: once a year, winter semester</li> <li>• Language of assessment: German or English</li> <li>• Only after successful completion of module components: Successful completion of module component o8-OC1-1 is a prerequisite for participation in module component o8-IOC-3.</li> </ul>		
<b>Assessment in module component o8-OC1-1-092:</b> Organic Chemistry 1 Organic Chemistry 1 <ul style="list-style-type: none"> <li>• 5 ECTS, Method of grading: numerical grade</li> </ul>		

- a) 1 to 3 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: 60 or 90 minutes each; 3 written examinations: 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes)
- Other prerequisites: Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).

**Allocation of places**

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**Additional information**

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**Workload**

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**Teaching cycle**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

§ 62 (1) 2. Chemie "Organische und Bioorganische Chemie"

**Module appears in**

Bachelor's degree (1 major) Functional Materials (2012)